

IN THE CLAIMS:

Please amend claims 1, 38, 47, and 50-53 as follows.

1. (Currently Amended) Method, comprising:

monitoring signalling information related to at least one session involving at least a first network and a second network of different types, one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network;

~~and~~-monitoring session content related to the same at least one session, wherein said signalling information is provided in at least one of the first and second networks and wherein said session content is provided in another of the first and second networks;

delivering an indication to start interception between the first and second networks, wherein one of a network element and a function of the first network sends lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and wherein a mapping function is provided which translates target indications of the first network to corresponding target indications of the second network associated with a same monitored user; and

intercepting the at least one session.

2. (Previously Presented) Method according to claim 1 wherein the monitoring signalling information comprises monitoring signalling information provided in an internet protocol multimedia subsystem network.

3. (Previously Presented) Method according to claim 1, wherein the monitoring session content comprises monitoring session content provided in a general packet radio service network.

4. (Cancelled)

5. (Previously Presented) Method according to claim 1, wherein said one of the network element and the function of the first network is a call state control function.

6. (Previously Presented) Method according to claim 1, wherein the administration function is included in the signaling path and commands a support node of the second network to start the interception.

7. (Previously Presented) Method according to claim 1, wherein the legal interception information is sent from one of a call state control function and a policy decision function of a call state control function to a general packet radio service support node over one of a g0 interface and an x1, type 1 interface.

8. (Previously Presented) Method according to claim 1, wherein the legal interception information is sent during media authorization.

9. (Previously Presented) Method according to claim 1, wherein the legal interception information is sent to a gateway general packet radio service support node from a proxy call state control function.

10. (Previously Presented) Method according to claim 9, wherein, when the gateway general packet radio service support node receives the legal interception information, it starts the interception of the content of communication related to the internet protocol multimedia subsystem session, and delivers the information to a serving general packet radio service support node by attaching the legal interception information received from the proxy call state control function to a create packet data protocol context response message, which the serving general packet radio service support node in turn starts the interception of content of communication related to the internet protocol multimedia subsystem session.

11. (Previously Presented) Method according to claim 10, wherein, in case of an inter- serving general packet radio service support node handover, the legal interception information is transferred from an old serving general packet radio service support node of a monitored user to a new serving general packet radio service support node.

12. (Previously Presented) Method according to claim 1, wherein the administration function performs actual interception activation in a control state control function and a general packet radio service support node and sends the same legal interception information to these networks elements, wherein information on a need of interception is stored in the general packet radio service support node, wherein one of the control state control function and a policy decision function of the control state control function includes only an indication of the interception need in the authorization decision.

13. (Previously Presented) Method according to claim 1, wherein the interception by the second network is activated by the first network using a type 2 delivery function wherein lawful interception information is sent from a control state control function to the type 2 delivery function which then sends the legal interception information to a general packet radio service support node.

14. (Previously Presented) Method according to claim 1, wherein the interception by the second network is activated by the first network based on mapping of an internet protocol multimedia subsystem identity to a general packet radio service support node identity.

15. (Cancelled)

16. (Previously Presented) Method according to claim 1, wherein the mapping function is provided in the administration function which receives lawful interception information related to a session in the second network when the session is started.

17. (Previously Presented) Method according to claim 1, wherein the mapping function is provided in the administration function which receives session identifiers of the first network when the session in the first network is started.

18. (Previously Presented) Method according to claim 1, wherein the mapping function is located in a type 2 delivery function, the mapping function commanding a network element of the second network to start interception.

19. (Original) Method according to claim 1, wherein the interception in the first network is activated based on an examination of content of communication of the second network.

20. (Previously Presented) Method according to claim 19, wherein an entity checks a message received from a support node of the second network for detecting lawful interception information, and forwards such information, if found, to the mapping function, the mapping function resolving the legal interception information to a user identity of the first network, wherein one of a network element and a function of the first network is commanded to start interception using the resolved user identity.

21. (Previously Presented) Method according to claim 20, wherein the mapping function is a mapping function of one of another network element and a function, the one of the another network element and the function commanding the one of the network element and the function of the first network to start interception using the resolved user identity.

22. (Previously Presented) Method according to claim 20, wherein the mapping function is located in a type 3 delivery function.

23. (Previously Presented) Method according to claim 20, wherein the entity is a delivery function.

24. (Previously Presented) Method according to claim 20, wherein the entity is a support node of the second network.

25. (Original) Method according to claim 1, wherein the interception in the first network is activated based on a mapping of an identity of a user used in the second network to an identity of the same user in the first network.

26. (Previously Presented) Method according to claim 25, wherein a media authorization is performed between the first and second networks, a user equipment sends

an authorization token to the second network which authorization token represents a session being created in the first network, the authorization token being reported to the mapping function in a lawful interception information message which includes a user identity used in the second network, the mapping function activating interception in the first network.

27. (Previously Presented) Method according to claim 26, wherein the mapping function is of an administration function.

28. (Previously Presented) Method according to claim 26, wherein the mapping function is located in a type 2 delivery function.

29. (Previously Presented) Method according to claim 25, wherein an administration function receives lawful interception information containing a session identifier used in the first network from a network element of the second network, the administration function configured to use the session identifier directly for interception activation in the first network.

30. (Previously Presented) Method according to claim 1, wherein the interception in the first network is activated based on upload of lawful interception information from a network element of the second network.

31. (Previously Presented) Method according to claim 30, wherein the legal interception information is uploaded over a go interface.

32. (Original) Method according to claim 1, wherein information of matching triggers of the first network is forwarded to the second network by using identities known in the second network.

33. (Previously Presented) Method according to claim 32, wherein the used identities are one of an international mobile subscriber identity and a combination of a general packet radio service charging identifier and a gateway general packet radio service support node identification.

34. (Original) Method according to claim 1, wherein the decision of interception is done for every session created in the first network.

35. (Original) Method according to claim 1, wherein the decision of interception issued for a session created in the first network is maintained in the first network after a termination of the session for use for at least one following session.

36. (Original) Method according to claim 1, wherein monitoring in the first network is activated by sending information to the first network when the interception is originally activated using target identifiers of the second network.

37. (Previously Presented) Method according to claim 36, wherein the target identifiers are one of an international mobile subscriber identity, a mobile subscriber integrated services digital network number, and an international mobile equipment identity.

38. (Currently Amended) An apparatus, comprising:

a processor configured to

monitor signalling information related to at least one session involving at least a first network and a second network of different types, one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network, and

~~to~~ monitor session content related to the same at least one session, wherein the signalling information is provided in one of the first and second networks, and wherein the session content is provided in another of the first and second networks; and

a transmitter configured to deliver an indication to start interception between the first and second networks,

wherein one of a network element and a function of the first network sends lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided which translates target indications of the first network to corresponding target indications of the second network associated with a same monitored user.

39. (Previously Presented) Apparatus according to claim 38, wherein the first network is an internet protocol multimedia subsystem network.

40. (Previously Presented) Apparatus according to claim 38, wherein the second network is a general packet radio service network.

41. (Cancelled)

42. (Previously Presented) Apparatus according to claim 38, wherein said network element or function of the first network is a call state control function.

43. (Previously Presented) Apparatus according to claim 38, wherein the administration function is included in a signaling path and is configured to command a support node of the second network to start the interception.

44. (Previously Presented) Apparatus according to claim 38, wherein the first network comprises one of a call state control function and a policy decision function,

which is configured to send lawful interception information directly to a support node of the second network over a go interface.

45. (Previously Presented) Apparatus according to claim 38, comprising one of an administration function, a type 2 delivery function, and a type 3 delivery function which is configured to communicate with the first and second network.

46. (Previously Presented) Apparatus according to claim 45, wherein the one of the administration function, the type 2 delivery function, and the type 3 delivery function comprises the mapping function.

47. (Currently Amended) An apparatus, comprising:
a transmitter configured to deliver an indication to start interception between first and second networks of different types,

wherein the apparatus is configured ~~to be used in a system~~ for the interception of at least one session involving the first network and the second network, one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network,

wherein the ~~system~~ apparatus is configured to monitor signaling information provided in one of the first and second networks of the at least one session and session content related to the same at least one session provided in another of the first and second

networks, and to deliver an indication to start interception between the first and second networks,

wherein one of a network element and a function of the first network ~~sends~~is configured to send lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided ~~which~~and is configured to translate ~~translates~~ target indications of the first network to corresponding target indications of the second network associated with a same monitored user.

48. (Previously Presented) Apparatus, according to claim 47, further comprising a mediation function.

49. (Previously Presented) Apparatus, according to claim 47, being implemented as one of an administration function, a type 2 delivery function and a type 3 delivery function which is configured to communicate with the first and second networks.

50. (Currently Amended) An apparatus, comprising:
monitoring means for monitoring signalling information, provided in one of a first and second networks of different types, of at least one session, and session content related to the at least one session provided in another of the first and second networks, one of the first and second networks being an internet protocol based network and another of the

first and second networks being a general packet radio service network or universal mobile telecommunication system based network; and

delivery means for delivering an indication to start an interception between the first and second networks,

wherein one of a network element and a function of the first network is configured to send ~~sends~~ lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided which is configured to translate ~~translates~~ target indications of the first network to corresponding target indications of the second network associated with a same monitored user.

51. (Currently Amended) A computer readable medium comprising computer executable instructions to perform a method, the method comprising:

monitoring signalling information, provided in at least one of first and second networks of different types, of at least one session, and session content related to the same at least one session provided in another of the first and second networks, one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network,

wherein an indication to start interception is delivered between the first and second networks,

wherein one of a network element and a function of the first network sends lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided which translates target indications of the first network to corresponding target indications of the second network associated with a same monitored user.

52. (Currently Amended) An apparatus configured to:

monitor signalling information, provided in one of a first and second networks, of the at least one session, and session content related to the same at least one session provided in another of the first and second networks; one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network, wherein wherein an indication is delivered to start interception between the first and second networks,

wherein one of a network element and a function of the first network sends lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided which translates target indications of the first network to corresponding target indications of the second network associated with a same monitored user.

53. (Currently Amended) An apparatus configured to:

deliver an indication to start interception of a session between a first network and a second network of different types, wherein signalling information of the session in one of the first and second networks is monitored, and session content related to the session in another of the first and second networks is monitored, one of the first and second networks being an internet protocol based network and another of the first and second networks being a general packet radio service network or universal mobile telecommunication system based network,

wherein one of a network element and a function of the first network is configured to send ~~sends~~ lawful interception information directly to one of a support node of the second network, an administration function, and a delivery function, and

wherein a mapping function is provided ~~which translates and is configured to~~ translate target indications of the first network to corresponding target indications of the second network associated with a same monitored user.